

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("20040267308").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/25 09:45
S2	90	("2115492" "3765419" "4260077" "4327709" "4362150" "4540404" "4655211" "4738658" "4838280" "4852568" "4890612" "5061274" "5104375" "5104389" "5108421" "5192300" "5192302" "5221259" "5258042" "5259835" "5275616" "5290310" "5306254" "5320639" "5324306" "5383896" "5391183" "5413571" "5419765" "5431639" "5437292" "5437631" "5441517" "5443481" "5464396" "5486195" "5489278" "5514158" "5529577" "5591204" "5591205" "5601602" "5626601" "5637086" "5660849" "5716375" "5725498" "5725551" "5728122" "5731368" "5741223" "5744153" "5752974" "5780044" "5782860" "5785679" "5795331" "5830130" "5836970" "5843124" "5916236" "5922009" "5928266" "5941847" "5951583" "5951589" "6017359" "6022361" "6027471" "6045570" "6048358" "6051248" "6056768" "6056769" "6162240" "6162241" "6238412" "6287323" "6299597" "6302898" "6350274" "6368300" "6371975" "6458147" "6475177" "6562059" "6569185" "6613070" "6635068" "RE34866").PN.	USPAT	OR	OFF	2006/11/20 08:32
S3	23	("20010031948" "20010047187" "20020015724" "20020062104" "20020111392" "20020111651" "20020188319" "20030008831" "20030088269" "20030088271" "20030135234" "20030135235" "20030135236" "20030139770" "20030139771" "20030139772" "20030139773" "20030233120")	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/25 13:18
S4	1040	(606/213).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/25 15:02
S5	125	(128/887).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/25 09:55
S6	3736	(128/898).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/25 09:55

## EAST Search History

S7	18	("5843442"   "5861382").PN. OR ("5951583").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/25 11:44
S8	31	S2 and (introducer adj sheath)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/25 11:44
S9	12	S8 and lock\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/25 11:45
S10	1	"5951589".pn.	USPAT	OR	OFF	2006/09/25 12:17
S11	1	"5437631".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/25 13:25
S12	1433	((pusher plunger) same (retract\$4 withdraw\$3)) same sheath	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/28 06:12
S13	23	S2 and S12	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/25 13:38
S14	15	("4852568"   "5292332"   "5626601"   "5653730"   "5676689"   "5725498"   "5741223"   "5814066"   "5830130"   "6045570"   "6090130"   "6159232"   "6287323"   "6296658"   "6325789").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/25 14:56
S15	838	(plunger pusher) same ((retract\$4 withdraw\$4) with sheath)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/28 07:42
S16	84	S15 and S4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/25 15:03
S17	34861	(plunger pusher) same (disengag\$3 unlock\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/25 16:08
S18	2378	S17 same ((retract\$3 withdraw\$3) same (sheath tube tubular))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/25 16:08
S19	2	S18 and S6	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/25 16:07
S20	6	S18 and S4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/25 16:07
S21	8285	(plunger pusher) same ((disengag\$3 unlock\$3) with (lock\$3))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/25 16:08

## EAST Search History

S22	565	S21 same ((retract\$3 withdraw\$3) same (sheath tube tubular))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/25 16:08
S23	54581	"606"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/25 16:12
S24	355	S15 and S23	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/25 16:19
S25	180	S24 and lock\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/25 16:37
S26	334749	(sheath tube tubular) with (lock\$3 secur\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/25 16:54
S27	284	S4 and S26	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/25 16:38
S28	1956	(pusher plunger syringe) same ((retract\$4 withdraw\$3) same sheath)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/28 06:14
S29	54698	"606"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/28 06:13
S30	526	S28 and S29	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/28 06:13
S31	24018	((push\$3 press\$3 compress\$3) with (pusher plunger syringe)) with (retract\$4 withdraw\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/28 06:27
S32	351	((push\$3 press\$3 compress\$3) with (pusher plunger syringe)) with ((retract\$4 withdraw\$3) with sheath)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/28 06:23
S33	1047	(606/213).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/28 06:23
S34	446	(pusher plunger syringe) and S33	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/28 06:24
S35	185	S34 and (lock\$3 unlock\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/28 06:25
S36	177	S35 and (retract\$4 withdraw\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/28 06:30

## EAST Search History

S37	3757	((lock\$3 unlock\$3) and (retract\$4 withdraw\$3)) same sheath	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/28 06:31
S38	88	S37 and S33	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/28 06:32
S39	74	("4101380"   "4161948"   "4414976"   "4464468"   "4762129"   "4839345"   "4909251"   "4929246"   "5051406"   "5129882"   "5207670"   "5252714"   "5318524"   "5383896"   "5403278"   "5410016"   "5419765"   "5514379"   "5520885"   "5529577"   "5529915"   "5531683"   "5567435"   "5582596"   "5583114"   "5601602"   "5626601"   "5626863"   "5653730"   "5672662"   "5676689"   "5725498"   "5733563"   "5739208"   "5749968"   "5759169"   "5759194"   "5782860"   "5791352"   "5814022"   "5824015"   "5843124"   "5844016"   "5858746"   "5874500"   "5900245"   "5900461"   "5922009"   "5932462"   "5935147"   "5935437"   "5936035"   "5942209"   "5951583"   "5951589"   "5986043"   "5990237"   "6007613"   "6022336"   "6022361"   "6051248"   "6060582"   "6083524"   "6152943"   "6162241"   "6165201"   "6177095"   "6179862"   "6183498"   "6371975"   "6379373"   "6458889"   "6475182"   "6818018").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/28 06:50
S40	351	((push pusher plunger syringe) with simultaneous\$2) with ((deliver\$3 introduc\$3 inject\$3) and (withdraw\$3 retract\$3 unlock\$3 releas\$3 disengag\$3))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/28 07:34
S41	887	(withdraw\$3 retract\$3 unlock\$3 releas\$3 disengag\$3) and S33	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/28 07:35
S42	4990	(plunger pusher push syringe) and ((retract\$4 withdraw\$4) with sheath)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/28 07:46
S43	199	S42 and S33	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/28 07:46
S44	1	"5324306".pn.	USPAT	OR	OFF	2006/09/28 07:49

## EAST Search History

S45	1	"6162240".pn.	USPAT	OR	OFF	2006/09/28 07:55
S46	1	"6045570".pn.	USPAT	OR	OFF	2006/09/28 08:02
S47	18	(US-20030233120-\$ or US-20040267308-\$).did. or (US-6325789-\$ or US-6733515-\$ or US-4852568-\$ or US-5104375-\$ or US-5437631-\$ or US-5741223-\$ or US-5951589-\$ or US-6045570-\$ or US-6048358-\$ or US-6613070-\$ or US-7008439-\$ or US-6994686-\$ or US-7052511-\$ or US-6090077-\$ or US-5324306-\$ or US-6162240-\$). did.	US-PGPUB; USPAT	OR	OFF	2006/09/28 08:43
S48	10106	inflation with (lumen port)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/28 08:44
S49	3	S47 and S48	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/28 08:44
S50	90	("2115492 " "3765419 " "4260077 " "4327709 " "4362150 " "4540404 " "4655211 " "4738658 " "4838280 " "4852568 " "4890612 " "5061274 " "5104375 " "5104389 " "5108421 " "5192300 " "5192302 " "5221259 " "5258042 " "5259835 " "5275616 " "5290310 " "5306254 " "5320639 " "5324306 " "5383896 " "5391183 " "5413571 " "5419765 " "5431639 " "5437292 " "5437631 " "5441517 " "5443481 " "5464396 " "5486195 " "5489278 " "5514158 " "5529577 " "5591204 " "5591205 " "5601602 " "5626601 " "5637086 " "5660849 " "5716375 " "5725498 " "5725551 " "5728122 " "5731368 " "5741223 " "5744153 " "5752974 " "5780044 " "5782860 " "5785679 " "5795331 " "5830130 " "5836970 " "5843124 " "5916236 " "5922009 " "5928266 " "5941847 " "5951583 " "5951589 " "6017359 " "6022361 " "6027471 " "6045570 " "6048358 " "6051248 " "6056768 " "6056769 " "6162240 " "6162241 " "6238412 " "6287323 " "6299597 " "6302898 " "6350274 " "6368300 " "6371975 " "6458147 " "6475177 " "6562059 " "6569185 " "6613070 " "6635068 " "RE34866").PN.	USPAT	OR	OFF	2006/11/20 08:32
S51	65	S50 and balloon	USPAT	OR	OFF	2006/11/20 08:33

## EAST Search History

S52	13	S50 and (side with port)	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/20 14:45
S53	90	("2115492 "3765419 "4260077 "4327709 "4362150 "4540404 "4655211 "4738658 "4838280 "4852568 "4890612 "5061274 "5104375 "5104389 "5108421 "5192300 "5192302 "5221259 "5258042 "5259835 "5275616 "5290310 "5306254 "5320639 "5324306 "5383896 "5391183 "5413571 "5419765 "5431639 "5437292 "5437631 "5441517 "5443481 "5464396 "5486195 "5489278 "5514158 "5529577 "5591204 "5591205 "5601602 "5626601 "5637086 "5660849 "5716375 "5725498 "5725551 "5728122 "5731368 "5741223 "5744153 "5752974 "5780044 "5782860 "5785679 "5795331 "5830130 "5836970 "5843124 "5916236 "5922009 "5928266 "5941847 "5951583 "5951589 "6017359 "6022361 "6027471 "6045570 "6048358 "6051248 "6056768 "6056769 "6162240 "6162241 "6238412 "6287323 "6299597 "6302898 "6350274 "6368300 "6371975 "6458147 "6475177 "6562059 "6569185 "6613070 "6635068 "RE34866").PN.	USPAT	OR	OFF	2006/11/20 14:45
S54	22	S53 and (catch detent connector)	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/20 14:54